



FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT(S)' INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.:	SERIAL NO.:
25916-180 (6136/53718)	09/767,582
APPLICANT: Yoshimura, et al.	
FILING DATE: January 22, 2001	RECEIVED AUG 2 2002 GROUP ART UNIT 2817 TECHNOLOGY CENTER 2800

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAM'R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate	
JTR	A1 4,806,454	2/21/89	Yoshida, et al.	430	321		
JTR	A2 5,116,461	5/26/92	Lebby, et al.	156	643		
JTR	A3 5,258,236	11/2/93	Arjavalingham, et al.	428	626		
JTR	A4 5,334,804	8/2/94	Love, et al.	174	267		
JTR	A5* 5,444,811	8/22/95	Yoshimura, et al.	385	141		
JTR	A6* 5,541,039	7/30/96	McFarland, et al.	430	290		
JTR	A7* 5,054,872	10/8/91	Fan, et al.	385	130		
JTR	A8* 5,835,646	11/10/98	Yoshimura, et al.	385	14		
JTR	A9* 5,854,868	12/29/98	Yoshimura, et al.	385	50		
JTR	A10* U.S. patent Application Serial No. 09/192,003		Jiang, et al.			11/13/98	
JTR	A11* U.S. patent Application Serial No. 09/203,126		McCormack, et al.			12/01/98	

FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLAT'N	
						yes	no
JTR	B1 JP-6-140502A	5/20/94	Japan				X
JTR	B2 JP-6-200974A	7/19/94	Japan				X
JTR	B3 JP-6-204922A	7/22/94	Japan				X
JTR	B4 JP-7-59240A	3/3/95	Japan				X
JTR	B5 JP-7-61092A	3/7/95	Japan				X
JTR	B6* JP-8-262265-A	10/11/96	Japan				
JTR	B7* JP-7-077637A	3/20/95	Japan				
JTR	B8* JP-8-320422A	12/3/96	Japan				
JTR	B9* JP-9-157352A	4/4/97	Japan				
JTR	B10* JP-9-0090153A	6/17/97	Japan				
JTR	B11* 0-689 067 A2	20-06-95	Europe				

EXAMINER *Jerry J. Blatt*DATE CONSIDERED *9/5/03*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant(s).

(Information Disclosure Statement — Section 9 PTO-1449 (Modified) (6-1))

FORM PTO-1449 (Modified)		ATTY. DOCKET NO.:	SERIAL NO.:
		25916-180 (6136/53718)	09/767,582
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S) INFORMATION DISCLOSURE STATEMENT		RECEIVED AUG 21 2002 TECHNOLOGY CENTER 2800 GROUP ART UNIT: 2817	
O P AUG 1 9 2002 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE Use several sheets if necessary		FILING DATE: January 22, 2001	

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

JPL	C1	Saunders, K.J., "Organic Polymer Chemistry," Chap. 6, Chapman & Hall Ltd., London, 1973.
JPL	C2	Lenz, R., "Organic Chemistry of Synthetic High Polymers" John Wiley & Sons, Inc. 1967, Chaps. 9-12.
JPL	C3*	Chang, Yablonovitch, et al., "Vapor Phase Epitaxial Liftoff Process of GaAs", Paper H10.1 of Session H10 of the Fall 1997 Materials Research Symposium, Abstract and private manuscript, 1997.
JPL	C4*	Yoshimura, et al., "Optoelectronic Amplifier/Driver-Less Substrate ,OE-ADLES. For Polymer-Waveguide-Based Board Level Interconnection-Calculation Of Delay And Power Dissipation," the 8th Iketani Conference, 4 th International Conference On Organic Nonlinear Optics (ICONO'4), October 12, 1998, Chitose, Hokkaido, Japan.
JPL	C5*	Norio Murata, "Adhesives for Optical Devices", the 48 th conference of the Electronic Components and Technology Conference (ECTC), pages 1178-1185, Seattle, May 25-28, 1998.

If an asterisk is placed beside the reference number a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. 1.98(d).

EXAMINER <i>Jerry T. Abbott</i>	DATE CONSIDERED <i>9/15/03</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant(s).	

(Information Disclosure Statement — Section 9 PTO-1449 (Modified) [6-1])

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
6136/54087SERIAL NO.
09/574,422LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT(S) INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT
Yoshimura, et al.FILING DATE
May 19, 2000GROUP ART UNIT
2874

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAM'R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate
JTR	A1	4,007,978	02-15-77	Holton	350	96	
JTR	A2	4,114,257	09-19-78	Bellavance	29	572	
JTR	A3	4,240,849	12-23-80	Kurokawa, et al.	156	73.2	
JTR	A4	4,609,252	09-02-86	Wong, et al.	350	96.12	
JTR	A5	4,630,883	12-23-86	Taylor, et al.	350	96.15	
JTR	A6	4,749,245	06-07-88	Kawatsuki, et al.	350	96.12	
JTR	A7	4,750,799	06-14-88	Kawachi, et al.	350	96.11	
JTR	A8	4,755,866	07-05-88	Marshall, et al	357	81	
JTR	A9	4,762,381	08-09-88	Uemiya, et al.	350	96.11	
JTR	A10	4,776,661	10-11-88	Handa	350	96.19	
JTR	A11	4,787,691	11-29-88	Lorenzo, et al.	350	96.14	
JTR	A12	4,871,224	10-03-89	Karstensen, et al.	350	96.15	
JTR	A13	5,009,476	04-23-91	Reid, et al.	359	96.11	
JTR	A14	5,054,870	10-08-91	Losch, et al.	385	14	

FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATN	
							yes	no
B1		0 617 314 A1	10-09-93	Europe	G02F	1/313	Yes	
B2		0 689 067 A2	20-06-95	Europe	G02B	6/10	Yes	

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

C1	"Lighting the Way in Computer Design," CIRCUITS & DEVICES, January 1998, © 1998 IEEE, pp. 23-30.
C2	

EXAMINER

DATE CONSIDERED

9/15/03

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FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 6136/54087	SERIAL NO. 09/574,422
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Yoshimura, et al.	
		FILING DATE May 19, 2000	GROUP ART UNIT 2874

O I P E
AUG 19 2002
U.S. PATENT & TRADEMARK OFFICE

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAM'R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate
JTR	A15	5,054,872	10-08-91	Fan, et al.	385	130	
JTR	A16	5,059,475	10-22-91	Sun, et al.	428	195	
JTR	A17	5,061,028	10-29-91	Khanarian, et al.	385	132	
JTR	A18	5,104,771	04-14-92	Murray, et al.	430	290	
JTR	A19	5,159,700	10-27-92	Reid, deceased et al.	385	14	
JTR	A20	5,170,448	12-08-92	Ackley, et al.	385	31	
JTR	A21	5,179,601	01-12-93	Gotoh, et al.	385	14	
JTR	A22	5,192,716	03-09-93	Jacobs	437	209	
JTR	A23	5,194,548	03-16-93	Yoshimura	526	285	
JTR	A24	5,208,879	05-04-93	Gallo, et al	385	14	
JTR	A25	5,208,892	05-04-93	Burack, et al.	385	129	
JTR	A26	5,219,710	06-15-93	Horn, et al.	430	270	
JTR	A27	5,219,787	06-15-93	Carey, et al.	437	187	
JTR	A28	5,237,434	08-17-93	Feldman, et al.	359	19	
JTR	A29	5,247,593	09-21-93	Lin, et al.	385	17	
JTR	A30	5,249,245	09-28-93	Lebby, et al.	385	89	
JTR	A31	5,263,111	11-16-93	Nurse, et al.	385	130	

FOREIGN PATENT DOCUMENTS							
EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATN
X	X						yes no

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)	
<i>X</i>	

EXAMINER <i>Jerry Tchatt</i>	DATE CONSIDERED <i>9/15/03</i>
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT		APPLICANT Yoshimura, et al.	
(Use several sheets if necessary)		FILING DATE May 19, 2000	GROUP ART UNIT 2874

O I P E
AUG 19 2002
U.S. PATENT & TRADEMARK OFFICE

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAM'R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate
JTR	A32	5,268,973	12-07-93	Jenevein	385	74	
JTR	A33	5,317,657	05-31-94	Gallo, et al.	385	14	
JTR	A34	5,332,690	07-26-94	Cho, et al.	437	126	
JTR	A35	5,352,566	10-04-94	Springer, et al.	430	321	
JTR	A36	5,358,896	10-25-94	Komatsu, et al.	437	89	
JTR	A37	5,371,818	12-06-94	Presby	385	49	
JTR	A38	5,375,184	12-20-94	Sullivan	385	129	
JTR	A39	5,394,490	02-28-95	Kato, et al.	385	14	
JTR	A40	5,416,861	05-16-95	Koh, et al.	385	14	
JTR	A41	5,428,698	06-27-95	Jenkins, et al.	385	27	
JTR	A42	5,444,811	08-22-95	Yoshimura, et al.	385	141	
JTR	A43	5,465,860	11-14-95	Fujimoto, et al.	216	24	
JTR	A44	5,469,518	11-21-95	Song, et al.	385	89	
JTR	A45	5,488,682	01-30-96	Sauter, et al.	385	53	
JTR	A46	5,500,540	03-19-96	Jewell, et al.	257	82	
JTR	A47	5,513,021	04-30-96	Kaneshiro, et al.	359	15	

FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATN	
							yes	no
X	X							
X	X							
X	X							

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

X X

EXAMINER *JTR/JM* DATE CONSIDERED *9/5/03*

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FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 6136/54087	SERIAL NO. 09/574,422
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Yoshimura, et al.	
		FILING DATE May 19, 2000	GROUP ART UNIT 2874


SEARCH & TRADEMARK OFFICE

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAM'R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate	
JTR	A48	5,513,283	04-03-96	Whang, et al.	385	8	
JTR	A49	5,521,992	05-28-96	Chun, et al.	385	14	
JTR	A50	5,525,190	06-11-96	Wojnarowski, et al.	358	133	
JTR	A51	5,541,039	07-30-96	McFarland, et al.	430	290	
JTR	A52	5,546,480	08-13-96	Leonard	385	3	
JTR	A53	5,555,326	09-10-96	Hwang, et al.	385	2	
JTR	A54	5,561,733	10-01-96	Ermer, et al.	385	143	
JTR	A55	5,562,838	10-08-96	Wojnarowski, et al.	216	24	
JTR	A56	5,568,574	10-22-96	Tanguay, Jr., et al.	385	14	
JTR	A57	5,581,646	12-03-96	Tsukatmoto, et al.	385	96	
JTR	A58	5,611,008	03-11-97	Yap	385	14	
JTR	A59	5,652,811	07-29-97	Cook, et al.	385	14	
JTR	A60	5,621,837	04-15-97	Yamada, et al.	385	88	
JTR	A61	5,638,469	06-10-97	Feldman, et al.	385	14	
JTR	A62	5,659,648	08-19-97	Knapp, et al.	385	129	
JTR	A63	5,708,178	01-13-98	Ermer, et al.	546	276.7	

FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATN	
						yes	no
X							
X							
X							
X							
X							

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

X

EXAMINER *Jerry T. Ritter* DATE CONSIDERED *9/5/03*

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ATTY. DOCKET NO.
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(Use several sheets if necessary)

APPLICANT
Yoshimura, et al.FILING DATE
May 19, 2000GROUP ART UNIT
2874

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate
JTR	A64	5,723,176	03-03-98	Keyworth, et al.	427	163.2	
JTR	A65	5,751,867	05-12-98	Schaffner, et al.	385	3	
JTR	A66	5,757,989	05-26-98	Yoshimura, et al.	358	14	
JTR	A67	5,761,350	06-02-98	Koh	385	14	
JTR	A68	5,764,820	06-09-98	De Dobbelaere, et al.	385	14	
JTR	A69	5,770,466	06-23-98	Sasaki, et al.	437	89	
JTR	A70	5,770,851	06-23-98	Park, et al.	250	208.1	
JTR	A71	5,796,883	08-18-98	Hamamoto, et al.	358	14	
JTR	A72	5,817,541	10-06-98	Averkiou, et al.	438	107	
JTR	A73	5,459,232	10-17-95	Sotoyama, et al.	528	353	
JTR	A74	5,594,093	01-14-97	Sotoyama, et al.	528	353	
JTR	A75	5,658,966	08-19-97	Tsukamoto, et al.	522	99	
JTR	A76	5,818,983	10-06-98	Yoshimura, et al.	385	14	
JTR	A77	5,835,646	11-10-98	Yoshimura, et al.	385	14	
JTR	A78	5,854,868	12-29-98	Yoshimura, et al.	385	50	
JTR	A79	5,902,715	05-11-99	Tsukamoto, et al.	430	290	
JTR	A80	5,917,980	06-29-99	Yoshimura, et al.	385	129	

FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATN
							yes no

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

X

EXAMINER

DATE CONSIDERED

9/5/03

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S) INFORMATION DISCLOSURE STATEMENT <small>(Use several sheets if necessary)</small>		APPLICANT Yoshimura, et al.	
		FILING DATE May 19, 2000	GROUP ART UNIT 2874



REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAM'R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	Subclass	Filing Date If Appropriate	
JTR	A81 3,872,236	03/18/75	Swengel, Sr., et al.	174	251		
JTR	A82 4,969,712	11/13/90	Westwood, et al.	385	14		
JTR	A83 5,220,628	06/15/93	Delbare, et al.	385	14		
JTR	A84 5,801,439	09/01/98	Fujisawa, et al.	257	686		
JTR	A85 6,017,681	01/25/00	Tsukamoto, et al.	430	321		
JTR	A86 6,054,761	04/25/00	McCormack, et al.	257	698		
JTR	A87 6,163,957	12/26/00	Jiang, et al.	29	852		

FOREIGN PATENT DOCUMENTS							
EXAM'R INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATN	
						yes	no
	B3 JP 7-077637A	3/20/95	Japan			Yes - Abstract	
	B4 JP-8-007626A	1/12/96	Japan			Yes - Abstract	
	B5 JP-8-008389A	1/12/96	Japan			Yes - Abstract	
	B6 JP-8-065251A	3/8/96	Japan			Yes - Abstract	
	B7 JP-8-069024A	3/12/96	Japan			Yes - Abstract	
	B8 JP-8-253758A	10/1/96	Japan			Yes - Abstract	

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

C2	G. D. Boyd, et al, "Directional Reactive Ion Etching at Oblique Angles," Applied Physics Letters vol. 36, no. 7, pages 583-585 , April 1, 1980.
C3	Chang, Yablonovitch, et al, "Vapor Phase Epitaxial Lift-off Process of GaAs", Paper H10.1 of Session H10 of the Fall 1997 Materials Research Symposium, Abstract and private manuscript, 1997.

EXAMINER *July 7 2003* DATE CONSIDERED *9/15/03*

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	<p>FILING DATE May 19, 2000</p>	<p>GROUP ART UNIT 2874</p>

FOREIGN PATENT DOCUMENTS							
EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLATN
							yes no
	B9	JP-8-262246A	10/11/96	Japan			Yes - Abstract
	B10	JP-8-262265A	10/11/96	Japan			Yes - Abstract
	B11	JP-8-320422A	12/03/96	Japan			Yes - Abstract
	B12	JP-9-157352A	04/04/97	Japan			Yes - Abstract
	B13	JP-9-0090153A	06/17/97	Japan			Yes - Abstract

OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)		
	C4	Norio Murata, "Adhesives for Optical Devices", the 48 th conference of the Electronic Components and Technology Conference (ECTC), pages 1178-1185, Seattle, May 25-28, 1998.
	C5	Jianhua Gan, et al., "Integration of 45-degree Micro-couplers in Guided-wave Optical Clock Distribution System for Supercomputer," 1998 International Symposium on Microelectronics, San Diego, USA, November 1, 1998, pages 359-363.
	C6	Yoshimura, et al., "Optoelectronic Amplifier/Driver-Less Substrate ,OE-ADLES. For Polymer-Waveguide-Based Board Level Interconnection-Calculation Of Delay And Power Dissipation," the 8th Iketani Conference, 4 th International Conference On Organic Nonlinear Optics (ICONO'4), October 12, 1998, Chitose, Hokkaido, Japan.

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